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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/053,247
				Filing Date	January 15, 2004
				First Named Inventor	Nicholas Grippi
				Group Art Unit	1632
				Examiner Name	Patricia Bianco
				Attorney Docket Number	015445-9001-00
Sheet	1	of	6		

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
DB	1,593,814	Vogel	7/27/1926
DM	4,485,096	Bell	11/27/1984

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

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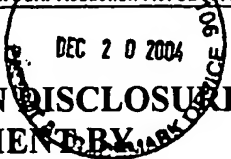
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	/	Buckley A, Davidson JM, "Sustained release of epidermal growth factor accelerates wound repair", <i>Proceeding National Academy Science USA</i> , Vol. 82, pgs. 7340-7344, November 1985.
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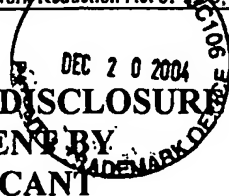
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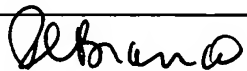
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	/	Doni MG, Fantin G, "Thrombin-induced calcium and magnesium platelet release and clot retraction", <i>Haematologica</i> , Vol. 60, No. 3, pgs. 286-299, September 1975.
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	/	Lundblad RL, "A rapid method for the purification of bovine thrombin and the inhibition of the purified enzyme with phenylmethylsulfonyl fluoride", <i>Biochemistry</i> , Vol. 10, No. 13, pgs. 2501-2506, June 22, 1971.
	/	Chao FC, Tullis JL, "Concentration effects of platelets, fibrinogen and thrombin on platelet aggregation and fibrin clotting", <i>Thromb Diathes Haemorrh</i> , Vol. 32, No. 1, September 30, 1974.
✓	/	Solum, "Platelet aggregation during fibrin polymerization", <i>Scandinavian Journal of Clinical & laboratory Investigation</i> , Vol. 18, No. 6, pgs. 577-587, 1966.
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	/	Day HJ, Ang G, "Platelet release reaction during clotting of native human platelet-rich plasma", <i>Proceedings of the Society of Experimental and Biological Medicine</i> , Vol. 139, No. 3, pgs. 717-21, March 1972.
	/	Niewiarowski S, Stewart GJ, "ADP, thrombin and Bothrops atrox thrombin like enzyme in platelet-dependent fibrin retraction", <i>American Journal of Physiology</i> , Vol. 229, No. 3, pgs. 737-745, September 1975.
	/	Mustard JF, Perry DW, "Preparation of suspensions of washed platelets from humans", <i>British Journal of Haematology</i> , Vol. 22, No. 2, pgs. 193-204, February 1972.
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	/	Thorton JW, Hess CA, "Epidermal growth factor In the healing of second degree burns: a controlled animal study", <i>Burns</i> , Vol. 8, No. 3, pgs. 156-160, 1983.
DB	/	Holmsen H, Day HJ, "The blood platelet release reaction", <i>Scandinavian Journal of Haematology (Supplement K)</i> , pgs.3-21, 1969.

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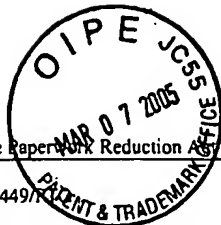
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RB	/	Rosenthal AR, Harbury C, "Use of a platelet-fibrinogen-thrombin mixture as a corneal adhesive: experiments in sutureless lamellar keratoplasty in the rabbit", <i>Investigative Ophthalmology</i> , Vol. 14, No. 11, pgs. 872-75, November 1975.
	/	Schulte W, "Centrifuged autologous blood for filling large bone defects: a modification to the autologous blood method", <i>Zentrifugiertes Eigenblut (Centrifuged Autologous Blood) DZZ 24</i> , Vol. 10, pgs. 854-57, 1969.
	/	Schulte W, "Autologous Blood Filling: A new method in the treatment of major bone defects following oral surgery", <i>Eigenblutfullung Grosserer Knochendefekte DZZ 15</i> , Vol 12, pgs. 910-14, 1960.
	/	Rosenthal AR, Egbert PR, "Use of Platelet-Fibrinogen-Thrombin mixture to seal experimental penetrating corneal wounds", <i>Graefes Archiv Ophthalmologie</i> , Vol. 207, pgs. 111-115, 1978.
	/	Silverberg GD, Harbury CB, "A physiological sealant for cerebrospinal fluid leaks", <i>Journal of Neurosurgery</i> , Vol. 46, pgs. 215-19, February 1977.
RB	/	Pearl RM, Wustrack KO, "Microvascular Anastomosis using a blood product sealant-adhesive", <i>Surgery, Gynecology & Obstetrics</i> , Vol. 144, pgs. 227-31, February 1977.

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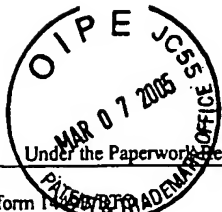
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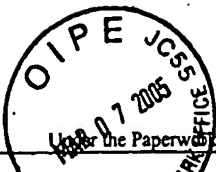
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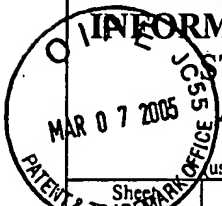
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	Knighton DR, Hunt TK, "Role of platelets and fibrin in the healing sequence: an in vivo study of angiogenesis and collagen synthesis", <i>Annals of Surgery</i>, Vol. 196, No. 4, pgs. 379-388, October 1982.
	Doni MG, Fantin G, "Thrombin-induced calcium and magnesium platelet release and clot retraction", <i>Haematologica</i>, Vol. 60, No. 3, pgs. 286-299, September 1975.
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	Chao FC, Tullis JL, "Concentration effects of platelets, fibrinogen and thrombin on platelet aggregation and fibrin clotting", <i>Thromb Diathes Haemorrh</i>, Vol. 32, No. 1, September 30, 1974.
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	Tashjian, "Platelet-derived growth factor stimulates bone resorption via a prostaglandin-mediated mechanism", <i>Endocrinology</i>, Vol. 111, No. 1, pgs. 118-124, 1982.

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INFORMATION DISCLOSURE**STATEMENT BY
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Sheet 5 of 7

Complete if Known

Application Number	10/053,247
Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	3762
Examiner Name	Patricia Bianco
Attorney Docket Number	015445-9001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTSExaminer
Initials

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~~Mustard JF, Perry DW, "Factors responsible for ADP-induced release reaction of human platelets", *American Journal of Physiology*, Vol. 228, No. 6, June 1975.~~

~~Day HJ, Ang G, "Platelet release reaction during clotting of native human platelet-rich plasma", *Proceedings of the Society of Experimental and Biological Medicine*, Vol. 139, No. 3, pgs. 717-21, March 1972.~~

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~~Mustard JF, Perry DW, "Preparation of suspensions of washed platelets from humans", *British Journal of Haematology*, Vol. 22, No. 2, pgs. 193-204, February 1972.~~

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~~Holmsen H, Day HJ, "The blood platelet release reaction", *Scandinavian Journal of Haematology (Supplement K)*, pgs. 3-21, 1969.~~

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet <u>6</u> of <u>7</u>		Application Number	10/053,247
		Filing Date	January 15, 2002
		First Named Inventor	Roberto Beretta
		Group Art Unit	3762
		Examiner Name	Patricia Bianco
		Attorney Docket Number	015445-9001

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	Rosenthal AR, Harbury C, "Use of a platelet-fibrinogen-thrombin mixture as a corneal adhesive: experiments in sutureless lamellar keratoplasty in the rabbit", <i>Investigative Ophthalmology</i>, Vol. 14, No. 11, pgs. 872-75, November 1975.
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	Pearl RM, Wustrack KO, "Microvascular Anastomosis using a blood product sealant-adhesive", <i>Surgery, Gynecology & Obstetrics</i>, Vol. 144, pgs. 227-31, February 1977.

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Examiner Signature		Date	
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Application Number	10/607,580
Filing Date	June 26, 2003
First Named Inventor	Nicholas A. Grippi
Group Art Unit	1632
Examiner Name	Not Yet Assigned
Attorney Docket Number	015445-9002-01

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RB	/	BERNSTEIN, LORI R., et al., "Migration of Cultured Vascular Cells in Response to Plasma and Platelet-Derived Factors", Departments of Physiology and Surgery, Harvard Medical School, Children's Hospital Medical Center, J. Cell Sci. 56, 1982, pgs. 71-82.
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	/	SEPPÄ, HEIKKI, et al., "Platelet-derived Growth Factor is Chemotactic for Fibroblasts", The Journal of Cell Biology, vol. 92, February 1982 pgs. 584-588.
	/	SENIOR, ROBERT, M., "Chemotactic Activity of Platelet Alpha Granule Proteins for Fibroblasts", The Journal of Cell Biology, vol. 96, February 1983, pgs. 382-385.
RB	/	GOSPODAROWICZ, DENIS, "Humoral Control of Cell Proliferation: The Role of Fibroblast Growth Factor in Regeneration, Angiogenesis, Wound Healing, and Neoplastic Growth", Department of Molecular Endocrinology, Salk Institute for Biological Studies, San Diego, California, 1976, pgs. 1-19.

Examiner Signature	<i>RB Brancel</i>	Date Considered	5/28/05
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		Application Number	10/053,247
		Filing Date	January 15, 2002
		First Name Inventor	Roberto Beretta
		Group Art Unit	3762
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	015445-9001-00

U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
QDD		6,083,383	Huang, et al.	7/4/2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
QDD	WO	98/11925	Tarantino, et al.	3/26/1998		
QDD	WO	98/58689	Beretta and Lodi	12/30/1998		

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Sheet

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of

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Complete if Known

Application Number	10/053,247
Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	015445-9001-00

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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805		3,939,822		Markowitz	02-24-1976	
		4,861,477		Kimura	08-29-1989	
		5,030,215		Morse et al.	07-09-1991	
		5,037,549		Ballies	08-06-1991	
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		5,354,483		Furse	10-11-1994	
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		5,455,009		Volger et al.	10-03-1995	
		5,560,830		Coleman et al.	10-01-1996	
		5,578,459		Gordon et al.	11-26-1996	
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		5,634,474		Grippi	06-03-1997	
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		5,674,458		Holm	10-07-1997	
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		5,736,033		Coleman et al.	04-07-1998	
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		6,368,298		Beretta	04-09-2002	

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FOREIGN PATENT DOCUMENTS

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		Office ²	Number ⁴	Kind Code ⁵ (if known)				
805		EP	0 580 094 A1		Becton Dickinson	01-26-1994		
		EP	0 592 242 A1		E.R. Squibb & Sons	04-13-1994		
		JP	2504915		Becton Dickinson	05-07-1994		
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		WO	95/12371		Clarion Pharm.	05-11-1995		
		WO	96/17871		Plasmaseal Corp.	06-13-1996		
		WO	96/27397		Quantic Biomedical	09-12-1996		
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		EP	0 512 612 B1		Becton Dickinson	02-04-1998		
		WO	98/58689		Beretta	12-30-1998		

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Sheet

2

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Application Number	10/053,247
Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	
Examiner Name	Not Yet Assigned
Attorney Docket Number	015445-9001-00

U.S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To
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CD DJ	6	EP	0 580 094 B1	Becton Dickson	10-16-1996		
	*	It	01 292 410	Beretta	02-08-1999		X

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Application Number	10/053,247
Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	
Examiner Name	Not Yet Assigned
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Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	3762
Examiner Name	Not Yet Assigned
Attorney Docket Number	015445-9001-00

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Sheet	1	of	2	Attorney Docket Number	015445-9001-00
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		Number	Kind Code ² (if known)			
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		4,050,451		Columbus	09-27-1977	
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		D253,190		Bixler et al.	10-16-1979	
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		4,342,341		Lee	08-03-1982	
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		5,246,666		Vogler et al.	09-21-1993	
		5,257,633		Vogler et al.	11-02-1993	
WJ		5,322,515		Karas et al	06-21-1994	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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2

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Application Number	10/053,247
Filing Date	January 15, 2002
First Named Inventor	Roberto Beretta
Group Art Unit	3762
Examiner Name	Not Yet Assigned
Attorney Docket Number	015445-9001-00

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
OK		5,326,535		Vogler et al.	07-05-1994	
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		6,406,671 B1		DiCesare et al.	06-18-2002	

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